

RADON MONITORING REPORT

SHOSHONE NATIONAL FOREST
225 W YELLOWSTONE AVE
P O BOX 2140
CODY WY 82414



Terradex
Radon Detection Products
Tech/Ops Landauer, Inc.
2 Science Road
Glenwood, Illinois 60425-1586

DETECTOR NUMBER	DETECTOR TYPE	START DATE	END DATE	DAYS	LOCATION	EXPOS PCI/L-D	AVG RN CONC PCI/L NOTE
710990	RADTRAK	1/12/88	4/12/88	91	N Trailer Dubois	39.1	0.4 ✓
710991	RADTRAK	1/12/88	4/12/88	91	Dubois Office	920.5	10.1 ✓
710992	RADTRAK	1/12/88	4/12/88	91	S Trailer Dubois	48.2	0.5 ✓
710993	RADTRAK	1/12/88	4/12/88	91	Dwelling #2 Dubois	211.2	2.3 ✓
710994	RADTRAK	1/06/88	4/09/88	94	Supervisors House	534.0	5.4 ✓
710995	RADTRAK	1/06/88	4/06/88	91	Slurry Base	371.2	4.1 ✓?

QC REL	PROC #	RECD DATE	REPORT DATE	ACCT NO.
CJO 1351	A12786	5/09/88	05/13/88	401686

KEEP THIS DOCUMENT WITH YOUR IMPORTANT PAPERS

- SEE OTHER SIDE FOR IMPORTANT INFORMATION -

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SHOSHONE NATL FOREST
MAY 16 11 14 AM '88
U.S. FOREST SERVICE
CODY, WYOMING

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DETECTOR TYPES (Column 2)

DSF — Indoor Air
DSM — Soil
DSW — Water
DF — Outdoor Air
DRN — Indoor Air (Radtrak)
DGL — Indoor Air

The United States Environmental Protection Agency offers these guidelines in order to determine the urgency of the need for corrective action.

Indoor Air

Below 4 pCi/l:

Exposures in this range are considered average or slightly above average for residential structures. Although exposures in this range do present some risk of lung cancer, reductions of this level may be difficult.

Between 4 and 20 pCi/l:

Exposures in this range are considered above average for residential structures. You should undertake action to lower levels to about 4 pCi/l or below.

Between 20 and 200 pCi/l:

Exposures in this range are considered greatly above average for residential structures. You should undertake action to reduce levels within a few months.

Above 200 pCi/l:

Exposures in this range are among the highest observed in homes. Residents should undertake action within weeks to reduce these levels.

Remember:

There is increasing urgency for action at higher concentrations of radon. The higher the radon level in your home, the faster you should take action to reduce your exposures.

Radon in normal soil averages about 100 pCi/l. Levels above 500 pCi/l in the soil can begin to contribute significantly to indoor radon levels. Water can be a significant radon source if it contains more than 10,000 pCi/l.

The average radon concentration measured during this monitoring period is reported in column 7 in units of pCi/l (pico curies per liter). If the starting and ending dates were not provided this average concentration cannot be calculated and column 6 indicates the total exposure to radon in terms of pCi/l-days.

We recommend that the state Department of Public Health or the U.S. Environmental Protection Agency be contacted for further interpretation of results and for guidance concerning corrective measures.

It is important to note that the actual radon concentration in a home will change substantially during the day, week and year. If your home indicates levels above the "action level" we recommend additional monitors to be used to verify the initial results.

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